

17691 U.S. PTO  
06/24/03

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PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032  
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<b>UTILITY PATENT APPLICATION TRANSMITTAL</b>  (Only for new nonprovisional applications under 37 CFR 1.53(b))		Attorney Docket No. <span style="float: right;">MCA-640</span>	
		First Inventor <span style="float: right;">Phil Clark</span>	
		Title <span style="float: right;">MULTIFUNCTIONAL VACUUM MANIFOLD</span>	
		Express Mail Label No. <span style="float: right;">EU227744189US</span>	

<b>APPLICATION ELEMENTS</b> See MPEP chapter 600 concerning utility patent application contents.	<b>ADDRESS TO:</b> Commissioner for Patents P.O. Box 1450 Mail Stop: Patent Application Alexandria, VA 22313-1450
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1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g. PTO/SB/17) (Submit an original and a duplicate for fee processing) 2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. 3. <input checked="" type="checkbox"/> Specification [Total Pages <span style="border: 1px solid black; padding: 0 5px;">21</span> ] (preferred arrangement set forth below) -Descriptive title of the invention -Cross Reference to Related Applications -Statement Regarding Fed sponsored R & D -Reference to sequence listing, a table, or a computer program listing appendix -Background of the invention -Brief Summary of the Invention -Brief Description of the Drawings (if filed) -Detailed Description -Claim(s) -Abstract of the Disclosure 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets <span style="border: 1px solid black; padding: 0 5px;">11</span> ] 5. Oath or Declaration [Total Sheets <span style="border: 1px solid black; padding: 0 5px;">  </span> ] a. <input type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed) i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b) 6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76	7. <input type="checkbox"/> CD ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies
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<b>ACCOMPANYING APPLICATION PARTS</b>
9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee) 11. <input type="checkbox"/> English Translation Document (if applicable) 12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations 13. <input type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. <input type="checkbox"/> Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: <div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> Continuation    <input type="checkbox"/> Divisional    <input type="checkbox"/> Continuation-in-part (CIP)           </div> <div>             of prior application No.: _____ / _____           </div> </div> <div style="display: flex; justify-content: space-between;"> <div>             Prior application information: Examiner _____           </div> <div>             Group Art Unit: _____           </div> </div>	
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation <u>can only</u> be relied upon when a portion has been inadvertently omitted from the submitted application parts.	

<b>19. CORRESPONDENCE ADDRESS</b>					
<input type="checkbox"/> Customer Number <span style="border: 1px solid black; display: inline-block; width: 100px; height: 1.2em; vertical-align: middle;"></span>					
Name		Kevin S. Lemack			
		Nields & Lemack			
Address		176 E. Main Street – Suite 7			
City	Westboro	State	MA	Zip Code	01581
Country	US	Telephone	508-898-1818	Fax	508-898-2020

Name (Print/type)	Kevin S. Lemack	Registration No. (Attorney/Agent)	32,579
Signature		Date	June 24, 2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

17898 U.S. PTO  
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PTO/SB/17 (01-03)  
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# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ ) 786.00

## Complete if Known

Application Number  
Filing Date  
First Named Inventor Phil Clark  
Examiner Name  
Art Unit  
Attorney Docket No. MCA-640

## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number 14-0930

Deposit Account Name Nields & Lemack

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 750	2001 375	Utility filing fee	750
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

SUBTOTAL (1) (\$ ) 750.00

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
22	-20** = 2	18	36
Independent Claims	3	-3** = 0	0
Multiple Dependent		280	0

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 84	2201 42	Independent claims in excess of 3
1203 280	2203 140	Multiple dependent claim, if not paid
1204 84	2204 42	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ ) 36.00

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65			Surcharge - late filing fee or oath	
1052 50	2052 25			Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130			Non-English specification	
1812 2,520	1812 2,520			For filing a request for ex parte reexamination	
1804 920*	1804 920*			Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*			Requesting publication of SIR after Examiner action	
1251 110	2251 55			Extension for reply within first month	
1252 410	2252 205			Extension for reply within second month	
1253 930	2253 465			Extension for reply within third month	
1254 1,450	2254 725			Extension for reply within fourth month	
1255 1,970	2255 985			Extension for reply within fifth month	
1401 320	2401 160			Notice of Appeal	
1402 320	2402 160			Filing a brief in support of an appeal	
1403 280	2403 140			Request for oral hearing	
1451 1,510	1451 1,510			Petition to institute a public use proceeding	
1452 110	2452 55			Petition to revive - unavoidable	
1453 1,300	2453 650			Petition to revive - unintentional	
1501 1,300	2501 650			Utility issue fee (or reissue)	
1502 470	2502 235			Design issue fee	
1503 630	2503 315			Plant issue fee	
1460 130	1460 130			Petitions to the Commissioner	
1807 50	1807 50			Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180			Submission of Information Disclosure Stmt	
8021 40	8021 40			Recording each patent assignment per property (times number of properties)	
1809 750	2809 375			Filing a submission after final rejection (37 CFR 1.129(a))	
1810 750	2810 375			For each additional invention to be examined (37 CFR 1.129(b))	
1801 750	2801 375			Request for Continued Examination (RCE)	
1802 900	1802 900			Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ )

## SUBMITTED BY

(Complete if applicable)

Name (Print/Type) Kevin S. Lemack Registration No. 32,579 Telephone 508-898-1818  
Signature Date June 24, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

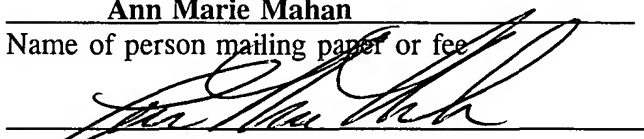
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Phil Clark et al.  
Serial No. : Not yet assigned  
Filed : Herewith By Express Mail  
For : MULTIFUNCTIONAL VACUUM MANIFOLD  
Examiner : Not yet assigned  
Art Unit : Not yet assigned  
Attorney  
Docket No. : MCA-640  
Type of paper : Utility Patent Application Transmittal Form

"EXPRESS MAIL" MAILING LABEL NO. EU227744189US  
DATE OF DEPOSIT: June 24, 2003

I hereby certify that this patent application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, P.O. Box 1450, Mail Stop: Patent Application, Alexandria, VA 22313-1450.

Ann Marie Mahan  
Name of person mailing paper or fee  
  
Signature of person mailing paper or fee

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

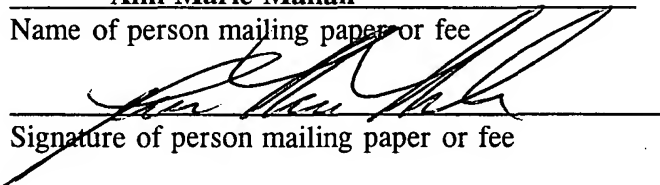
Applicants : Phil Clark et al.  
Serial No. : Not yet assigned  
Filed : Herewith By Express Mail  
For : MULTIFUNCTIONAL VACUUM MANIFOLD  
Examiner : Not yet assigned  
Art Unit : Not yet assigned  
Attorney  
Docket No. : MCA-640  
Type of paper : Letter

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DATE OF DEPOSIT: June 24, 2003

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Ann Marie Mahan

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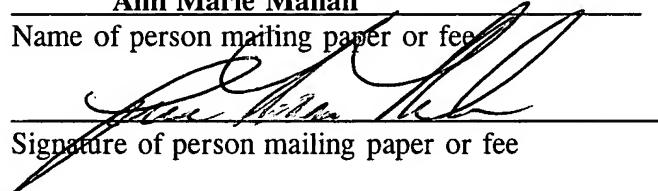
Applicants : Phil Clark et al.  
Serial No. : Not yet assigned  
Filed : Herewith By Express Mail  
For : MULTIFUNCTIONAL VACUUM MANIFOLD  
Examiner : Not yet assigned  
Art Unit : Not yet assigned  
Attorney  
Docket No. : MCA-640  
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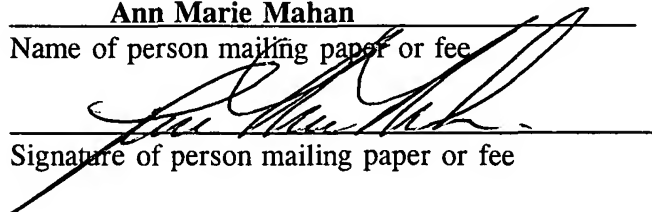
Applicants : Phil Clark et al.  
Serial No. : Not yet assigned  
Filed : Herewith By Express Mail  
For : MULTIFUNCTIONAL VACUUM MANIFOLD  
Examiner : Not yet assigned  
Art Unit : Not yet assigned  
Attorney  
Docket No. : MCA-640  
Type of paper : Fee Transmittal Form, together with a check

"EXPRESS MAIL" MAILING LABEL NO. **EU227744189US**  
DATE OF DEPOSIT: June 24, 2003

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Ann Marie Mahan

Name of person mailing paper or fee

  
Signature of person mailing paper or fee

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: **Phil Clark, Kurt Greenizen and Jay Doyle**

For: **MULTIFUNCTIONAL VACUUM MANIFOLD**

Commissioner for Patents  
P.O. Box 1450  
Mail Stop: Patent Application  
Alexandria, VA 22313-1450

Sir:

LETTER


The above-identified applicants enclose for filing a patent application entitled "MULTIFUNCTIONAL VACUUM MANIFOLD". Said attached patent application includes (1) Patent Application Transmittal Letter (1-Page); (2) Patent Application: 21-Page Specification (including 4-pages of claims (22) and 1-Page Abstract) and 11-sheets of A4 size formal drawings; and (3) Fee Transmittal Form (1-Page), together with a check in the amount of \$786.00 in payment of the filing fee.

The executed Declaration and Power of Attorney, with surcharge will be submitted in due course.

All correspondence concerning this application should be mailed to:

**Kevin S. Lemack  
Nields & Lemack  
176 E. Main Street - Suite 7  
Westboro, Massachusetts 01581**

Respectfully submitted,

  
Kevin S. Lemack  
Attorney for Applicant  
Registration No. 32,579

Date: June 24, 2003

**EXPRESS MAIL NO: EU227744189US**